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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 48]
(Preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 3]
- a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
i. (for continuation/divisional with Box 18 completed)
- i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Prior application information Examiner _____ Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label					or <input type="checkbox"/> Correspondence address below	
Name	25561					
		PATENT TRADEMARK OFFICE				
Address						
City	State		Zip Code			
Country	Telephone		Fax			

Name (Print/Type)	Arthur E. Jackson	Registration No. (Attorney/Agent)	34,354
Signature			Date

July 10, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

21906 U.S. PTO
10/616/31
07/10/03



10/1/01
07/1/01
10/1/01
10/1/01
10/1/01

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FEE TRANSMITTAL

for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 952.00)

Complete if Known

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Shibuya
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	372106-102

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

04-0480

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Change any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
1001 740	2001 370				Utility filing fee	750.00
1002 330	2002 165				Design filing fee	
1003 510	2003 255				Plant filing fee	
1004 740	2004 370				Reissue filing fee	
1005 160	2005 80				Provisional filing fee	
SUBTOTAL (1) (\$ 750.00)						

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee from Extra Claims below	Fee Paid
Total Claims	29	-20** = 9	x 18 = 162.00
Independent Claims	3	-3** = 0	x 84 = 0.00
Multiple Dependent			
SUBTOTAL (1) (\$ 162.00)			

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee	Fee Description
1202 18	2202 9				Claims in excess of 20
1201 84	2201 42				Independent claims in excess of 3
1203 280	2203 140				Multiple dependent claim, if not paid
1204 84	2204 42				** Reissue independent claims over original patent
1205 18	2205 9				** Reissue claims in excess of 20 and over original patent .
SUBTOTAL (2) (\$ 162.00)					

*or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee	Fee Description	Fee Paid
1051 130	2051 65				Surcharge - late filing fee or oath	
1052 50	2052 25				Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130				Non-English specification	
1812 2,520	2,520				For filing a request for ex parte reexamination	
1804 920*	1804 920*				Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*				Requesting publication of SIR after Examiner action	
1251 110	2251 55				Extension for reply within first month	
1252 400	2252 200				Extension for reply within second month	
1253 920	2253 460				Extension for reply within third month	
1254 1,440	2254 720				Extension for reply within fourth month	
1255 1,960	2255 980				Extension for reply within fifth month	
1401 320	2401 160				Notice of Appeal	
1402 320	2402 160				Filing a brief in support of an appeal	
1403 280	2403 140				Request for oral hearing	
1451 1,510	1451 1,510				Petition to institute a public use proceeding	
1452 110	2452 55				Petition to revive - unavoidable	
1453 1,280	2453 840				Petition to revive - unintentional	
1501 1,280	2501 640				Utility issue fee (or reissue)	
1502 460	2502 230				Design issue fee	
1503 620	2503 310				Plant issue fee	
1460 130	1460 130				Petitions to the Commissioner	
1807 50	1807 50				Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180				Submission of Information Disclosure Stmt	
8021 40	8021 40				Recording each patent assignment per property (times number of properties)	40.00
1809 740	2809 370				Filing a submission after final rejection (37 CFR 1.129(a))	
1810 740	2810 370				For each additional invention to be examined (37 CFR 1.129(b))	
1801 740	2801 370				Request for Continued Examination (RCE)	
1802 900	1802 900				Request for expedited examination of a design application	
Other fee (specify)						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

(Complete if applicable)

SUBMITTED BY	Arthur E. Jackson	Registration No (Attorney/Agent)	34,354	Telephone	609-620-3254
Name (Print/Type)				Date	July 10, 2003
Signature					

WARNING: Information on this form may become public. Credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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